

THE OPFOR FIGHTING MACHINES



BMP-2



	BMP-2		
Crew	3		
Weapon	AT-5 Spandrel	30mm Cannon	7.62 MG
Max Range	4000 m	3000 m	800 m
Basic Load	5Rds	500Rds	2,000Rds
Sight System	Dual Mode 1PN22M1		
	Amphibious		
	30mm has 1 Semi-Automatic ROF and two Automatic, Low and High		
	Low 2-300 Rounds per Minute		
	High 500 Rounds per Minute		
	Turret is Fully Stabilized with max elevation of + 74°		
	Infra-Red and White Searchlight		
	Carries 6 men		
	Stadiametric range finder		

BMP-2C OPFOR Surrogate Vehicle



	OSV BMP-2C Visually Modified M113		
Crew	3		
Weapon	AT-5	30mm Cannon	7.62 MG
Miles Max Range	4000m	2000m	800m
Basic Load	5Rds	100 APDS, 400 Heat	2,000Rds
Kill Code	07	23	27
Class V Basic Load	5 ATWESS cartridges		
Other:	Sight system: Tank Thermal Sight		
	The 30mm fires single shot		
	Low rate fires 100rds + or - 25rds per minute		
	High rate fires 200rds + or - 25rds per minute		
	Turret fully is stabilized with max elevation of +74°		
	Can carry up to 6 dismounts		
	Can carry 2 x SA-18's		

BMP-1



	BMP-1		
Crew	3		
Weapon	AT-3 ATGW	73mm Cannon	7.62 MG
Max Range	3000m	1000m	800m
Basic Load	3Rds	40Rds	2,000Rds
Sight System	1PN22M1		

BMP-1 Vis-mod



	BMP-1 Vis-mod with AT-3 ATGW		
Crew	3		
Weapon	AT-3 ATGW	73mm Cannon	7.62 MG
Miles Max Range	3750 meters	800 meters	800 meters
Basic Load	5Rds	10APDS, 30 Heat	1,800Rds
Class V Basic Load	5 ATWESS cartridges	4 racks Hoffman	
Kill Code	03	14	27
Other:	Sight System 127 Telescope		
	Hand held search light		
	Can carry 2 x SA-18's		

Hind F



	Hind F		
Crew	2		
Weapon	AT-6 ATGW	30mm Cannon	57mm Rockets
Max Range	2000m	1000m	1500m
Basic Load	4Rds	350Rds	130Rkts

Sokol



	Sokol UH -1		
Crew	2		
Weapon	AT-6 ATGW	30mm Cannon	57mm Rockets
Miles Max Range	4000m	1500m	1500m
Basic Load	4Rds	350Rds	130Rkts
Kill Code	07	23	14
Night Sight	ANVS-6 Night Goggles		

2S6 TUNGUSKA



2S6 TUNGUSKA

1. 4 X 30 mm cannon (AP and HE mix)

3,000- 5,000 m max effective range

1,904 rounds capacity

5,000 rds/min rate of fire

radar or optically tracked

2. 8 X SA-19 missile RF (RAdar Guided) SAM

8,000 m range

11,375 m max engagement altitude

Can track 2 targets simultaneously and
can shoot on the move. Radar has 18 km
range.

ZSU 23-4



	ZSU 23-4	
Crew	4	
Weapon	4 x 23mm Guns	
Max Range	2500m	
Basic Load	2000Rds	
Other:	Rate Of Fire 950-1000 Rds/Min	
	Can detect targets 20Km out	
	Can track targets 10 Km out	
	Optical-Mechanical computing sight	

ASET IV (ZSU-23-4)



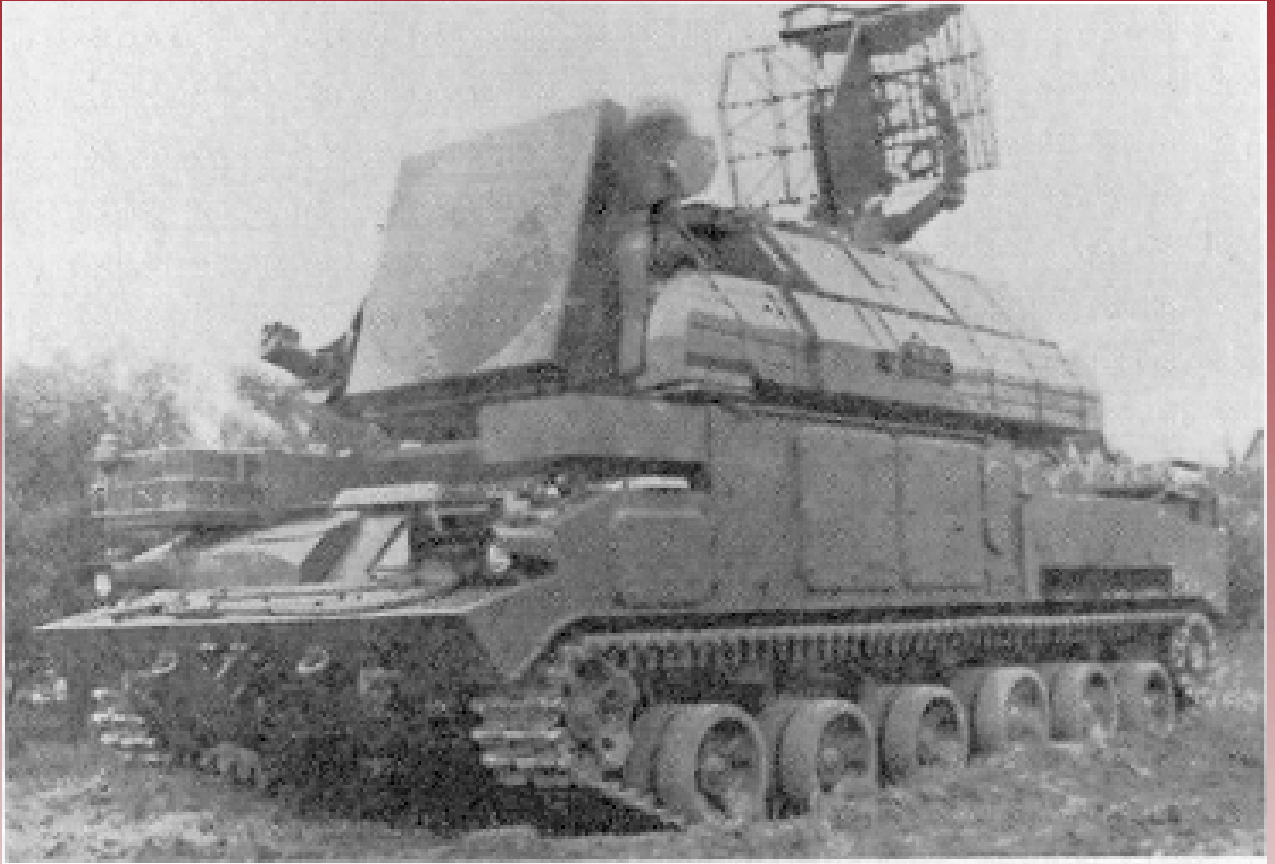
	ASET IV	
Crew	2	
Weapon	4x23mm Guns	
Miles Max Range	4500 meters	
Basic Load	2000Rds	
Kill Code	22	
Other:	Rate Of Fire 950-1000 Rds/Min	
	Can detect targets 20Km out	
	Can track targets 10 Km out	
	Optical-Mechanical computing sight	

SA-8



	SA-8	
Crew	5	
Weapon	SA-8 Missile	
Max Range	12000 meters	
Basic Load	6 loaded, 18 stored	
Other:	Radar can traverse Full 360° with a range of 35km	
	Land Role radar.	

SA-15 TOR



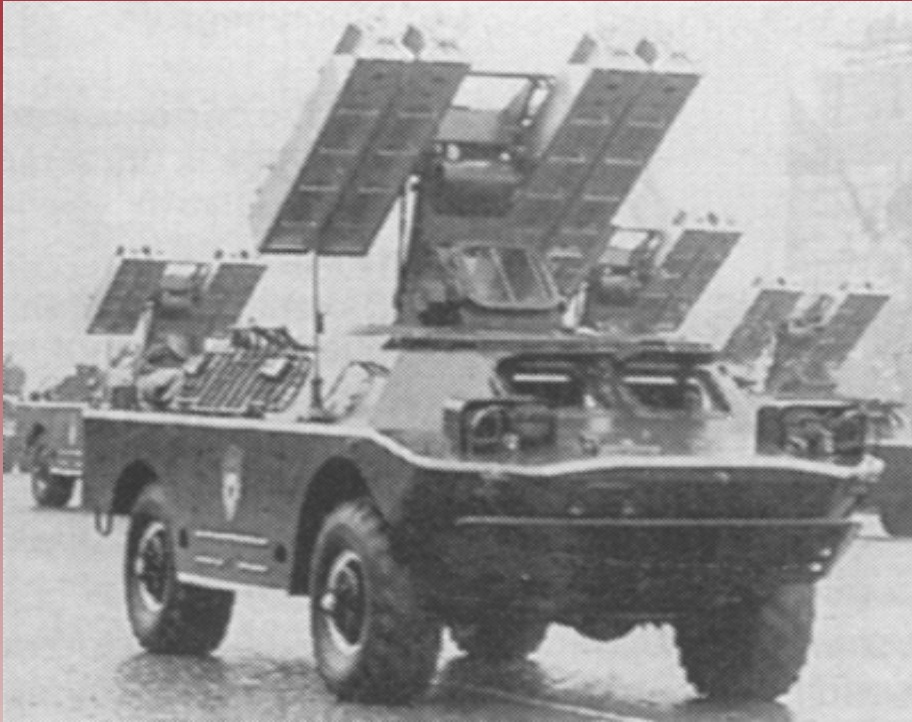
SA-15 TOR		
8 x TOR or RF SAM (Radar guided)		
12,000 m range		
19,500 ft max engagement altitude		
>25,000 m radar range		
Track 48 targets simultaneously,		
prioritizing the top 10 in an engagement		
cue. 20,000 m TV range for heavy ECM		
environment.		

SA-8 RF Sam



12 FR SAM	
Crew	2
Weapon	SA-8 Missile
Miles Max Range	12000 meters
Basic Load	4 loaded, 8 stored
Kill Code	25
24,000 m FLIR camera range, day and night optical tracking.	
Replicate Land Roll Radar.	

SA-9



SA-9

	SA-9	
Crew	3	
Weapon	4 SA-9 Gaskin	
Min Range	800 meters	
Max Range	6000 meters	
Basic Load	4 Loaded, 8 Stored	
Other:	Main radar is the Flat Box-A, Passive radar detection antennas	
	Radar can traverse Full 360°	
	Air Filtration system and overpressure NBC system	

SA-13 STRELA-10



SA13 STRELA-10

ARMAMENT:

1. 12 Strela-10 IR SAM (heat seeking or photo-contrast) 4 ready to fire
5000m Range
11,375 ft max engagement altitude
2. PKT 7.62 mm Machine gun
2500 round capacity
Has a range only radar

IR Sam



	IR Sam
Crew	2
Weapon	SA-9 Gaskin
Miles Max Range	6000 meters
Basic Load	4 loaded, 8 stored
Kill Code	25
Other:	Radar can traverse full 360° degrees

BMP-2 AND SA-18 IGLA



BMP-2 and SA-18 IGLA	
6 x BMP-2 with 3 x SA-18 teams each	
Armament:	
1. 30 mm chain gun (AS and HE duel feed)	
1,000m max effective range fully stabilized turret	
2. AT-4/5 Anti Tank Missile	
2,000-4,000m range	
3. SA-18 IR SAM (heat seeking)	
5,200m max effective range	
max altitude engagement 11,375 ft.	

VISMOD AND STINGER MILES



ADA BRDM with Stinger

7 x BRDM with 1 x SA-18 team

1. M-60 machine gun (12.7 mm X-mitter)

800m max effective range, 200 rds. capacity

2. Stinger Miles

4,000 m range

ASET IV C3



ARMAMENT:
No weapons (defensive only MILES)
No offensive weapons allowed by ROE
"RADAR":
24,000m IFF receiver range

FLAT FACE, LONG TRACK, OTHER RADARS, AND VARIOUS C2 NODES



ARMAMENT:
Local security small arms and crew served weapons
ARMOR:
Most threat radar and air battle command and control system are both armored and tracked
SPEED: Varies

2A45M



	2A45M
Crew	7
Weapon	125 AT Gun
Max Range	2500 meters
Basic Load	6 Rds
Other:	Optical systems fitted include the OP4M-48A direct fire day telescope and the 1PN53-1 night sight.
	The iron sight 2Ts33 is used together with the panaramic sight PG-1M for indirect firing.
	Fires the same family of ammunition as the T-64/T-72/T-80/T-84/T-90 MBT
	Tube can traverse 360°.
	On board drive system allows limited self propelled capability.

OPFOR 2A45M



Vis-mod MT-12	
Crew	3
Weapon	100mm AT Gun
Miles Max Range	2400m
Basic Load	60 Rds
Class V Basic Load	5 racks Hoffman
Kill Code	10
Other	Can traverse up to 360°

BRDM-3



	BRDM
Crew	4
Weapon	AT-5 ATGW
Min Range	100 meters
Max Range	4000 meters
Basic Load	5 mounted, 10 reserve
Other:	Five rail AT-5 launcher
	Can be set on Auto to Jamming
	AT-4 and AT-5 rounds are interchangeable

Vis-mod AT-5 BRDM



Vis-mod BRDM	
Crew	2
Weapon	AT-5 ATGW
Min Range	100 meters
Miles Max Range	3750 meters
Basic Load	15 rds
Class V Basic Load	30 ATWESS cartridges
Kill Code	07

ENGINEER RECON PATROL



	ENGINEER RECON PATROL		
Crew	4		
Weapon	M-16	M-60	Dragon AT guided Missile
Miles Max Range	300 meters	800 meters	1000 meters
Basic load	120 Per man	1200 Rds	1 Rkt
Class V Basic Load	6 boxes 5.56mm	6 boxes 7.62mm	4 ATWESS cartridges
Kill Code	27	27	08
Mission:	Route recon with Engineer capabilities.		
	Engineer asset		
	Can perform covert breaches and basic demolitions		
	Carries 35 AT Mines and has lane marking capabilities.		

BRDM-2-RKHA



BRDM-2-Rkha

	BRDM-2-Rkha
Crew	4
Weapon	14.5 KPV MG
Max Range	500 meters
Basic Load	2000 Rds
Notes:	The BRDM RKH is a Radiological-Chemical-Biological equipped BRDM-2 which retains the 14.5 Machine gun. It has two rectangular racks which contain lane-marking poles with pennants on either side of the hull.

Vis-mod BRDM-2-RKH



Vis-mod BRDM-2-RKH	
Crew	4
Weapon	M-60
Miles Max Range	800 meters
Basic Load	1000 Rds
Class V Basic Load	6 boxes 7.62
Kill Code	27
Mission	Mark deception chemical strikes, identify and mark contamination areas if necessary. Operate as scouts.

MSD (Movement Support Detachment)



	MSD (Movement Support Detachment)		
Crew	8		
Weapons	.50 CAL	Dragon ATGW	M-16
Max Range	800 meters	1000 meters	300 meters
Basic Load	300 rds	1 Rkt	210 Rds Per man
Class V Basic Load	3 Boxes 50	5 ATWESS cartridges	6 boxes 5.56mm
Kill Code	24	08	27
Mission:	Used to manually breach and mark obstacles when		
	the ACE is not available		

MOD (Mobile Obstacle Detachment)



	MOD (Mobile Obstacle Detachment)
Crew	4
Notes:	Also used as GMZ
	Carries conventional AT mines
	Execution time is 45 - 60 minutes
	Can emplace a mine field 900x200 meters
	M113 with 1½ ton trailer
	Up to 3 GMZ's are with the MOD

KVT (Krasnovian Variant Tank)



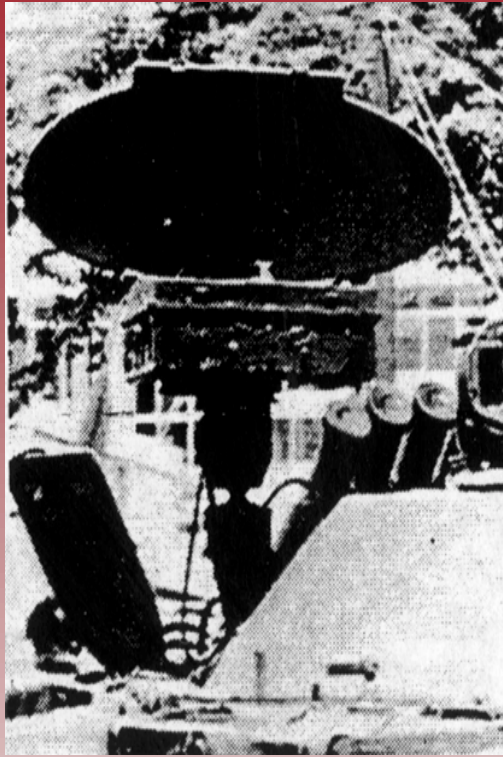
KVT (Krasnovian Variant Tank)			
Crew	4		
Weapon	M68 105mm Gun	50 cal.	7.62 MG
Miles Max Range	2500 meters	900 meters	800 meters
Basic Load	28 sabot / 12 heat	200 Rds	800 Rds
Class V Basic Load	4 racks Hoffman	3 boxes 50 Cal. Rds -	
Kill Code	12	24	27
Notes:	The fully stabilized M68 105mm gun allows for shooting-on-the-move-capibility.		
	The KVT is equipped with a thermal imaging sight, on par with American M1A1s.		
	The Miles console will not allow the M1 to fire as any Soviet Tank, so the system is set up as a M60.		

T-80U Main Battle Tank



T-80U Main Battle Tank				
Crew	3			
Weapon	125mm gun	AT-8 'Songster'	12.7mm NSV MG	7.62 PKT MG
Max Range	2000 meters	4000 meter	2000 meters	800
Basic Load	58 sabot/heat	6 rkts	200 Rds	3500 Rds
Notes:	The T-80 has a dozer blade under the nose of the vehicle.			
	Utilizes the same 125mm 2A46 smooth-bore gun as the T-72.			
	The gun can fire either the AT-8 'songster' ATGW or the 125mm ammunition.			
	Uses common ammunition with the T-80, T-64 and the T-72 MBT.			
	Includes a snorkel for water fording operations.			
	NBC protection is provided by an over pressure-type system.			
	Includes night vision equipment for Night operations.			
	Main gun can fire AT-11 'Sniper; semi-automatic laser beam riding missile to a maximum of 5000 meters.			
	Gunner has a stabilized 1G46 day/night sight incorporation a laser range finder.			
	The explosive reactive armor provides protection against both APFSDS and HEAT attacks of the the frontal arc.			
	Has electronic smoke grenade discharges in two banks of four on the right and five on the left side			

GS-12 (Tall Mike)



GS-12 (Tall Mike)

Man packed or vehicle mounted

Operates in the J-band at 12Kw

Has a 3.5km Range when tracking personnel

Has a 12km range when tracking vehicals

Also referred to as the 'Monitor'

System may have 4 man packed Tall Mikes remoted controled from up to 4km away

Can also interface with an IBM PC/AT 386 computer for information retrieval

GMZ



	GMZ Tracked Mine Layer
Crew	4
Weapon	14.5 KPV MG
Max Range	500 meters
Load	2000 Rds
Notes:	Basic load of 208 Mines
	Can lay 8 mines a minutes, 4-5.5 meters apart

SA-18 'Grouse'



	SA-18 'Grouse'
Weapon	SA-18 'Grouse'
Max Range	3500 meters
Notes:	Man portable IR AT rocket

UMZ



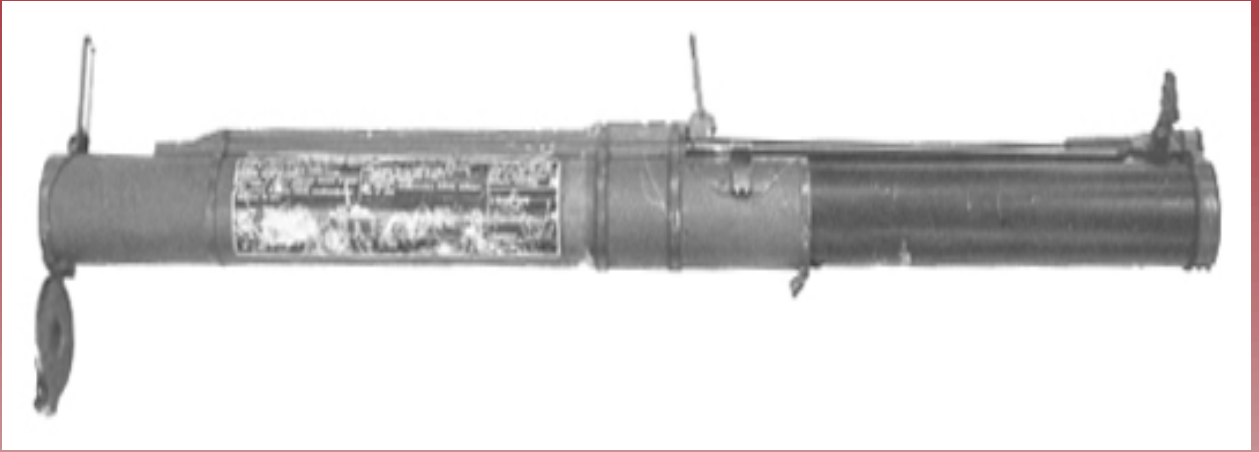
	UMZ (Gusenichnyy-Mino-Zagraditel)
Crew	2
Notes:	Basic load 500 AT mines.
	Can cover 1100 meters by 200 meters of land with mines
	Primary mission is to re-seal points of penetration on the defense.
	Offensive role is to provide flank protection.
	Translated into 'Universal Role of Mine'
	Marking ground lay with red 4x4 blocks.
	Rate of mine laying 15 Mines per minute

RPG-16



	RPG-16 'Dragon'
Max Range	1000 meters
Notes:	Sights optical with IR night sight available.
	Dismounted weapon
	Bipod on muzzle

RPG-18



	RPG-18 'Viper'
Max Range	200 meters
Notes:	.64 mm caliber
	Tube is discarded after firing

RPG-16 (Dragon)

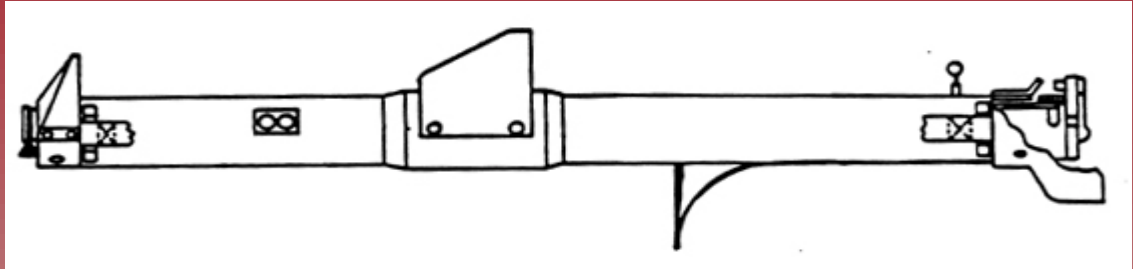


	RPG-16 'Dragon'
Crew	2
Miles Max Range	1000 meters
Basic Load	4
Class V Basic Load	5 ATWESS cartridges per man
Kill Code	8
Notes:	Sights optical with IR night sight available.
	Dismounted weapon
	Bipod on muzzle

RPG-16 (Dragon) - 1 per squad: two personnel will be assigned to each Dragon: gunner and ammo bearer. Both the gunner and ammo bearer are allowed to carry a RPG-16 basic load each (total = 10 ATWESS per Dragon). Each Dragon will be keyed up prior to L.D.

Once across the L.D. only one more key-up of the dragon is authorized. Only the designated personnel for the RPG-16 may employ it.

RPG-18 'Viper'



RPG-18 'Viper'	
Miles Max Range	300 meters
Basic Load	5 rockets
Class V Basic Load	5 ATWESS cartridges
Kill Code	15
Notes:	.64 mm caliber
	Tube is discarded after firing
	2 per squad

RPG-18 VIPER: 2 per squad: Any soldier of the unit can employ the Viper. Person assigned to carry the Viper will have 5 ATWESS. The number of shots authorized for the total number of Vipers within the unit will not exceed the number of personnel in the unit. Maximum use of this replication is that each man is carrying a disposable AT launcher.

T-80 Main Battle Tank



T80-U MAIN BATTLE TANK				
Crew	3			
Weapon	125mm gun	AT-8 'Songster'	12.7mm NSV MG	7.62 PKT MG
Max Range	2000 meters	4000 meter	2000 meters	800 meters
Basic Load	58 sabot/heat	6 rockets	200 Rds	3500 Rds
Notes:	The T-80 has a dozer blade under the nose of the vehicle.			
	Utilizes the same 125mm 2A46 smooth-bore gun as the T-72.			
	The gun can fire either the AT-8 'songster' ATGW or the 125mm ammunition.			
	Uses common ammunition with the T-80, T-64 and the T-72 MBT.			
	Includes a snorkel for water fording operations.			
	NBC protection is provided by an over pressure-type system.			
	Includes night vision equipment for Night operations.			
	Main gun can fire AT-11 'Sniper; semi-automatic laser beam riding missile to a maximum of 5000 meters.			

OPFOR T-80 Vis-mod



	OPFOR T-80 M551			
Crew	4			
Weapon	125mm Main Gun	50 cal.	AT-8 'Songster'	7.62 MG
Miles Max Range	2500 meters	900 meters	3750 meter	800 meters
Basic Load	25 sabot / 10 heat	300 Rds	6 rockets	3000 Rds
Class V Basic Load	4 racks Hoffman	3 boxes 50 Cal.		
Kill Code	12	24	07	27

IMR-2M



IMR-2M		
Crew: 2		
Chassis: T-72A		
Weight: 44.3 (mt)		
Length: 9.55 (traveling) (m)		
HIGHT: 3.68 (traveling) (m)		
Width: 3.73 (traveling) (m)		
	BLADE	
Operating speed: 8-12 (km/h).		
Earth displacement: 300 (m3/hr)		
Lane clearing rate: .35 (kn		
Can be used as dozer, grader, and V-blade,		
vertical plane skew ability.		

UAZ-469B



UAZ-469B (4 × 4) 695 kg light vehicle (Michael Jerchel)



Czech Army UAZ-469B (4 × 4) 695 kg light vehicle

UAZ-469B		
Crew: 2		
TRANSPORTS: 7 Troops		
WIEGHTS: 656 kgs		
Four wheel drive, two twenty gallon fuel cells,		
70 horsepower engine,		